



## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 59-129272

(43)Date of publication of application : 25.07.1984

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(51)Int.CI. C09D 11/00

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(21)Application number : 58-003788

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(22)Date of filing : 13.01.1983

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### (54) MULTIPURPOSE INK

#### (57)Abstract:

PURPOSE: To provide a multipurpose high-performance ink containing pigment and dye as coloring matters.

CONSTITUTION: The ink consists of (A) 6W9pts.wt. pigment (e.g. carbon black), (B) 3W0.5pts.wt. dye (e.g. Direct Black 19), (C) 9W1pts.wt. wetting agent (e.g. propylene glycol), (D) 2W0.1pts.wt. solubility improver (e.g. thioglycol), (E) 1W 0.1pt.wt. pH regulator (e.g. triethanolamine), (F) 0.5W0.05pt.wt. rust preventive (e.g. benzotriazole), (G) 0.5W0.01pt.wt. penetrant (e.g. butyl diglycol), (H) 1W 0.02pt.wt. preservative (e.g. Amolden BT-50, a product of Daiwa Chemical Industry Co.) and (I) 85W70pts.wt. of water. The ink has extensive applications as ink for writing utensil, porous rubber seal, porous roller, stamp pad, etc.

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### LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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